Required information for each example (max 4 pages)

1 **Case description**

- Opening statement: Outline the **specific role of the applied innovative** solution in achieving project goals, include relevant **images** and relevant **details** such as project name, type of application, timeline, budget, and any unique features including environmental, economic and social benefit highlights.
- **Detailed overview of the project**, including relevant details such as:
  - Objectives, location, and key stakeholders;
  - Scope of the project, including primary objectives of the project and the type of structure (e.g., bridge, building, infrastructure…);
  - Relevant demands such as sustainability goals and structural performance requirements;
  - Information on the structural configuration of the project, including key engineering considerations, load-bearing requirements, and any unique design challenges addressed by the applied innovative solution.

2 **Suitability Enhancement Rationale**

- **Specific role of the innovative solution in achieving project goals** including an explanation on how the innovative solution is integrated into the structural design (or construction) of the project.
- Specify the **unique characteristics of the innovative solution** selected for the project and explain how these characteristics enhance the suitability for the specific application.
- Provide **evidence**, such as test results or industry benchmarks, supporting the choice of the innovative solution.

3 **Environmental Impact Evaluation including Comparison with Traditional Solutions**

- Provide information regarding the **environmental impact assessment** (including scope and methodology of the analysis), considering factors such as embodied carbon, resource depletion, and water usage (if relevant) and highlighting specific environmental benefits or drawbacks.
- **Compare the environmental performance** of innovative concrete with that of traditional solutions, if possible supported by (reference to) quantitative data and metrics to support the assessment.

4 **Economic and Societal Considerations including Comparison with Traditional Solutions**

- Analyze the **economic implications** of using the innovative solution, considering factors like material costs, construction efficiency, and long-term maintenance.
- Assess **societal benefits**, such as improved aesthetics, hindrance reduction, health and safety, etc.
- **Compare the costs and benefits** of innovative solutions with traditional alternatives, if possible supported by (reference to) case studies.

5 **Regulatory Compliance and Standards in the Project**

- Provide a detailed account of how the project complies with **local, national, and international regulations**.
- Identify any **regulatory challenges** faced during the implementation and describe the strategies employed for compliance.
- Specify any **deviations from standard industry practices** and the rationale behind them.

6 **Potential for Upscaling Innovation**

- Explore the **scalability** of the innovative solution beyond the current project.
- Identify **potential applications** in similar or different application and articulate the advantages and challenges.
- Discuss **strategies for overcoming obstacles** to upscaling.

7 **References and background documents**

- List of **relevant references and background documents** for the project.
- List of **standards, guidelines and other regulatory documents** that were consulted or used in the preparation of the project.

(To be provided in 2 separate lists.)